

PART III	DEPARTMENT OF PERSONNEL SERVICES	10.235
	STATE OF HAWAII	10.240
.		10.245

Class Specifications
for the Classes:

BUILDING MAINTENANCE HELPER
BUILDING MAINTENANCE WORKER I, II

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position.

A. Physical Profile Requirements:

Job analysis of positions in the class has resulted in the identification and establishment of the following requirements, and identified the following typical tasks.

Typical Physical Tasks:

Read blueprints and specifications; read measurements on tape ruler; visually inspect exteriors of buildings for deficiencies; match color coded electrical wires; mix to match touch up paint; listen to detect problems in electric motors or equipment; make electrical connections; repair or replace leaky faucets; solder copper pipes; hammer nails; sand and paint walls and ceilings; repair pipes under house; dig holes and mix cement; climb up ladders with gear; lift lumber and heavy timber; lift bags of cement; crack concrete using a sledgehammer; loosen pipe fittings; crawl through ceiling to do repairs; stand on planks to paint buildings; perform repairs and inspections of buildings; dig trenches to repair and replace water lines; build tile walls.

Physical Abilities and Required Level:

Near Vision	5.8	Dynamic Flexibility	5.7
Far Vision	5.3	Gross Body Coordination	5.1
Visual Color Discrimination	5.1	Trunk Strength	5.8
Hearing	5.1	Static Strength	5.8
Finger Dexterity	5.1	Explosive Strength	5.1
Manual Dexterity	5.6	Dynamic Strength	4.8
		Gross Body	

Arm Hand Steadiness	5.4
Speed of Limb Movement	6.0
Extent Flexibility	4.9

Equilibrium	5.1
Mobility	5.3
Stamina	5.5
Effort	6.1

B. Working Condition Requirements:

Job analysis has resulted in the following profile of the working conditions of positions in the class:

WORKING CONDITIONS	RANGE OF RATINGS	MOST COMMON RATINGS	EXPLANATION OF MOST COMMON RATING
1. Exposure to sun	0-3	2	10% to 50% of work time spent outside a building and exposed to the sun.
2. Work above floor level	0-3	2	Some work done above the ground - greater than 4 feet and up to 12 feet.
3. High temperature	0-2	1	Considerable work time spent in temperatures 80° and above performing light and moderate work.
4. Low temperature	0	0	Work done in temperatures above 60 degrees.
5. Sudden temperature changes*	0/1	0	Work not subjected to sudden temperature changes.
6. Confined or cramped body position	0-2	1	Less than 1/3 of work time spent in confined or cramped positions.
7. Humidity*	0	0	Average Humidity: Work performed, inside or outside, where humidity is typical of offices or local climate.

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8. Wetness	0-2	1	0-10% of work time involves getting part or all of the body and/or clothing wet.
9. Air Pressure	0	0	Work does not involve <u>unusually</u> high or low air pressure.
10. Noise	0-3	1	Occasionally, there are unusually loud sounds in environment (e.g., work in an automobile repair shop).
11. Vibration	0-2	1	Work involves minor strain or vibration (e.g., use industrial type floor polisher).
12. Slippery Floors	0-2	1	Occasionally works on unusually slippery surfaces.
13. Oil	0-2	1	Some part of the body in contact with oil or grease occasionally (i.e., no more than 10% of work time).
14. Body Injuries	0-2	1	Work involves infrequent possibility of body injury.
15. Burns	0-2	1	Work involves possibility of superficial burns (redness, no blistering).
16. Electrical Hazards	0-1	1	Work involves possibility of electrical shock.
17. Explosives	0-1	0	Does not work with explosive substances (e.g., dynamite, tanks of

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			compressed gas).
18. Radiation	0-1	0	Does not work in areas where radiation (e.g., radioactive isotopes, x-rays) is present.
19. Dust	0-2	1	Work area contains minor amount of dust <u>in the air</u> .
20. Silica dust in air/asbestos*	0/2	0	Does not work in area in which the air contains free silica dust or around asbestos.
21. Toxic/Poisonous Substances	0-2	1	Rarely any opportunity for exposure to toxic/poisonous substances.
22. Allergenic substances	0-2	1	Infrequent exposure to common allergy-causing agents (e.g., bee stings, pollens, animals).
23. Irregular or Extended Work Hours	0-1	1	Work beyond normal work hours or change of work hours occasionally involved.

(0 = Not Applicable/None

*Non-sequential scale: all applicable values shown.)

C. General Conditions

Failure to meet the physical requirements cited above or inability to tolerate the specified working conditions or any other condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

However, handicaps in any areas will not result in disqualification unless the requirements cited above are not met. Applicants who demonstrate that they are capable of performing the essential functions of the position with reasonable accommodation will not be

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disqualified under this standard.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

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This is the first physical requirements specification for the classes BUILDING MAINTENANCE HELPER, BUILDING MAINTENANCE WORKER I, II.

Effective Date: December 7, 1984

DATE APPROVED: 11/30/84

JAMES H. TAKUSHI
Director of Personnel Services